DoD VPP CX

Development, Demonstration, Evaluation and Implementation of Defense Safety Oversight Council (DSOC)

# Workplace Mishap Reduction Initiatives to Promote Sustainability and Enhance Mission Readiness Across the Department of Defense (DoD)

**DoD Lead Agent**

Office of the Assistant Secretary of the Army (Installations and

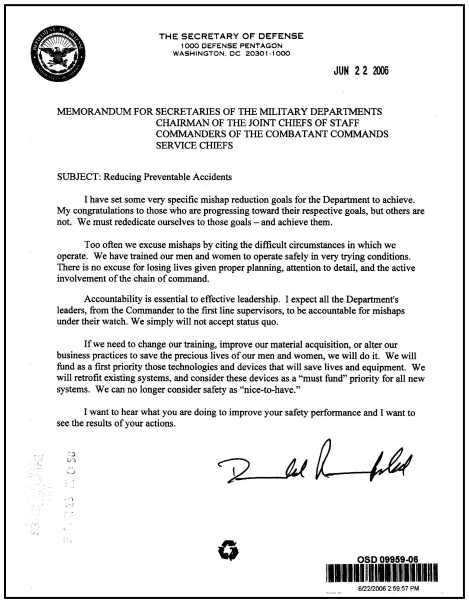
Department of Defense Voluntary Protection Program Center of Excellence

Operated by:

CTC Concurrent Technologies Corporation

# Secretary's Guidance

- In June of 2006, the Secretary of Defense gave the following guidance:
  - **"**Rededicate ourselves to those goals – and achieve them"
  - "There is no excuse for losing lives…"
  - "Department's leaders, … to be accountable for mishaps under their watch"
  - "Fund as a first priority those technologies and devices that will save lives and equipment"
  - "I want to see the results of your actions"



THE SECRETARY OF DEFENSE
1000 DEFENSE PENTAGON
WASHINGTON, DC 20301-1000

JUN 22 2006

MEMORANDUM FOR SECRETARIES OF THE MILITARY DEPARTMENTS
CHAIRMAN OF THE JOINT CHIEFS OF STAFF
COMMANDERS OF THE COMBATANT COMMANDS
SERVICE CHIEFS

SUBJECT: Reducing Preventable Accidents

I have set some very specific mishap reduction goals for the Department to achieve. My congratulations to those who are progressing toward their respective goals, but others are not. We must rededicate ourselves to those goals – and achieve them.

Too often we excuse mishaps by citing the difficult circumstances in which we operate. We have trained our men and women to operate safely in very trying conditions. There is no excuse for losing lives given proper planning, attention to detail, and the active involvement of the chain of command.

Accountability is essential to effective leadership. I expect all the Department's leaders, from the Commander to the first line supervisors, to be accountable for mishaps under their watch. We simply will not accept status quo.

If we need to change our training, improve our material acquisition, or alter our business practices to save the precious lives of our men and women, we will do it. We will fund as a first priority those technologies and devices that will save lives and equipment. We will retrofit existing systems, and consider these devices as a "must fund" priority for all new systems. We can no longer consider safety as "nice-to-have."

I want to hear what you are doing to improve your safety performance and I want to see the results of your actions.

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# Task Purpose

- Provide a central point of contact for DSOC Executive Secretary
- Support DSOC Mishap Reduction Task Forces to:
  - Coordinate Task Force meetings
  - Facilitate information sharing between Task Forces
  - Research and evaluate promising safety technologies.
- Manage approved initiatives
  - Establish baseline metrics
  - Coordinate stakeholder involvement and input
  - Measure and validate initiative impact.

# DSOC Task Forces

- Military Training
- Installation and Industrial Operations
- Enterprise and Information Data
- Aviation Safety Improvements
- Acquisition and Technology Programs
- Sports Injury Prevention
- Workers Compensation
- Private Motor Vehicle
- Deployment Operations.

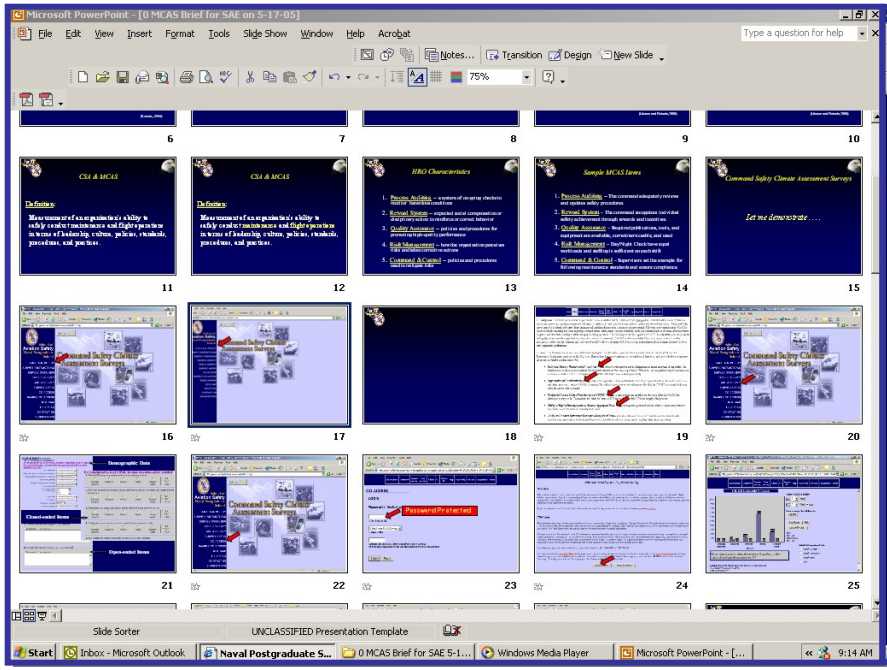
# DSOC VPP Related Initiatives

- On-line Joint Safety Climate Survey Tool
- Aviation Maintenance Resource Management Training
- Safety, and Occupational Health (ESOH) Programmatic Risk Toolset (PRT)
- 3-D Safety Training (Industrial Safety)
- VPP On-line Safety Supervisor Training
- VPP Hazard Tracking System
- Ergonomics Computer Training.

# On-line Joint Safety Climate Survey Tool

- **Objective:** Develop and deploy a safety climate measurement survey tool in order to measure organizational climate and safety compliance
- **Status:**Completed review of organizational risk metrics aimed at identifying leading mishap metric and climate metrics most closely linked to mishap potential
- **Transition Plan:** Adjust the climate survey to comply with a particular service, squadron, or community.

# On-line Joint Safety Climate Survey Tool


Microsoft PowerPoint - [0 MCAS Brief for SAE on 5-17-05]
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Naval Postgraduate S...
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*Current Strengths*

- Identify Hazards
- Analyze Hazards

+

*Current Strengths*

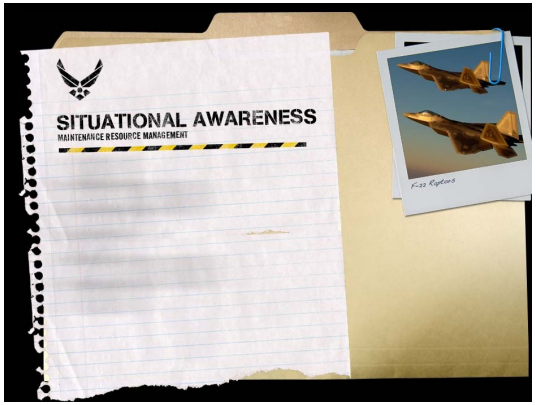
- Implement Controls
- Supervise/Monitor

= ***Improved Risk Management***

# Aviation Maintenance Resource Management (MRM) Training

- **Objective:** Adapt the current Air National Guard (ANG) MRM courseware for an Air-Force wide application to be delivered through advanced distributive learning (ADL)
- **Status:** MRM training delivered to 4,000+ Active, Guard, and Reserve Airmen
- **Transition Plan:** Final on-line courseware to be available via VPP CX Blackboard Learning Management System.

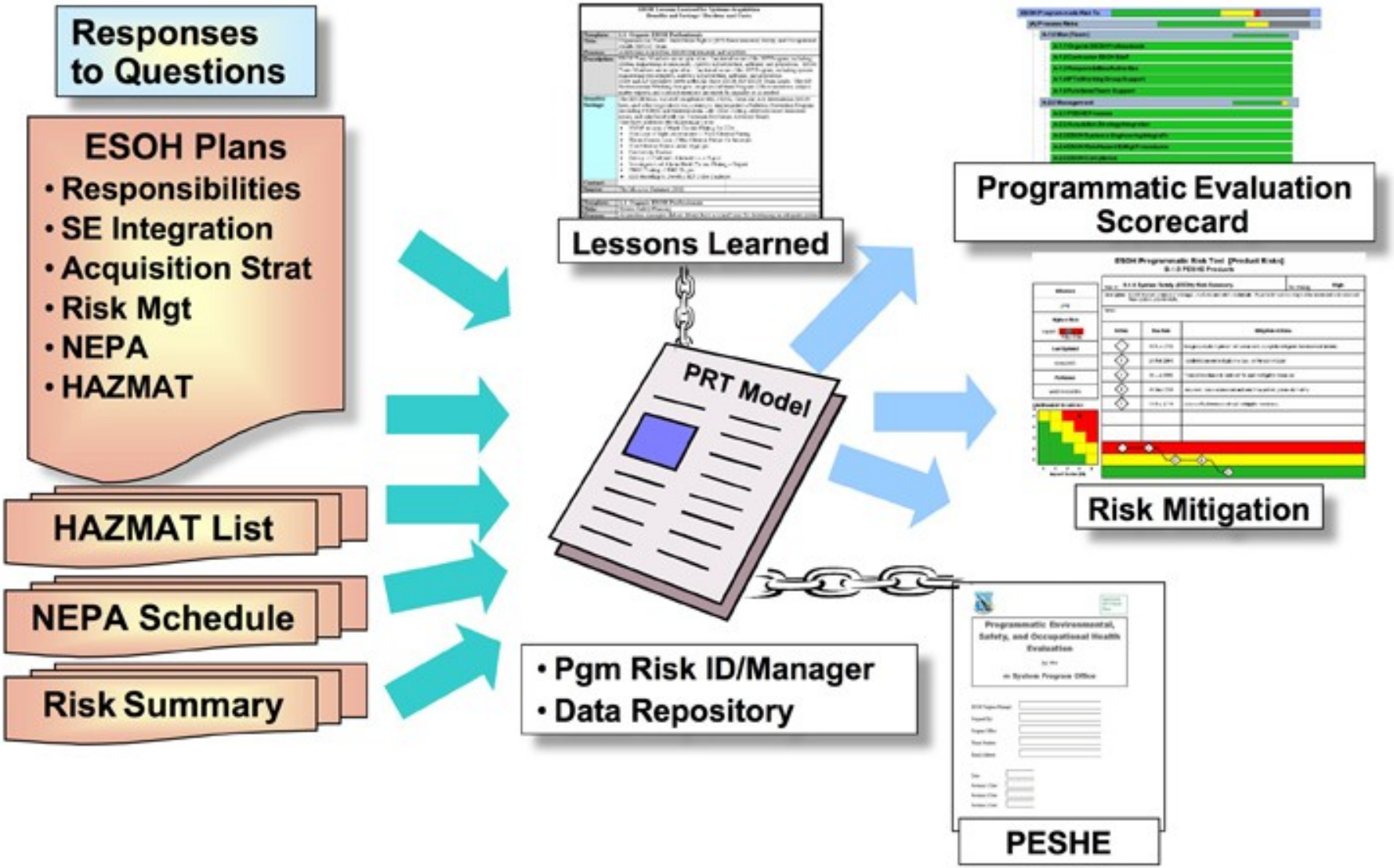
COMBAT CAPABILITY
MAINTENANCE RESOURCE MANAGEMENT
U.S. AIR FORCE
Situational Awareness
The Ability to Maintain the Big Picture
INTRODUCTION
CORE BEHAVIORS & SKILLS
PLANNING & PREPARATION
COMMUNICATION
MUTUAL SUPPORT & TEAMWORK
TASK MANAGEMENT
SITUATIONAL AWARENESS
DECISION MAKING
DEBRIEFING
CAUSES OF MAINTENANCE MISHAPS
SUPERVISION & LEADERSHIP
COMMUNITY OF PRACTICE
In this lesson module, David walks us through the nuts and bolts of situational awareness. He dives into the details to help us understand what situational awareness is all about. David also explains how best to maintain your own situational awareness and he provides many useful clues about how to recognize when you are losing situational awareness.
David continues with information about how to recover your situational awareness and last but not least, David provides many useful tools including the indispensable rule-of-thumb, "See it, say it, fix it!" By completing this fast and entertaining learning exercise, you'll help to ensure lives and dollars are spared and that our joint combat capability is maintained.



# ESOH Programmatic Risk Tool (PRT)

- **Objective:** Use the Safety, and Occupational Health (ESOH) Programmatic Risk Toolset (PRT) to manage ESOH actions during a project's life cycle
- **Status:** PRT is currently being implemented in the US Air Force
- **Transition Plan:** Final product is a demonstration plan and implement.

# ESOH Programmatic Risk Tool (PRT)



# 3-D Safety Training (Industrial Safety)

- **Objective:** Reduce injuries in the DoD industrial base by developing a unique 3-D Safety Training Experience
- **Status:** Created draft of creative treatment including video outline and conditioning modules
- **Transition Plan:** Provide training via ADL techniques.

# VPP On-line Safety Supervisor Training

- **Objective:** Develop a web-enabled Supervisor training course to assist supervisors in becoming more proficient in implementing VPP at DoD sites
- **Status:** Completed course outline and course design documents
- **Transition Plan:** Final courseware to be hosted on VPP/CX Blackboard Learning Management System.

DoD Safety Courses
The Supervisor's Safety Course
Tragically, the military has historically lost more personnel to accidents than in combat.
HIDE TEXT
COURSE MENU
COURSE MAP
Knowledge Check
Select True or False for each statement. Select Done when you have finished.
True
False
Safety meetings are a powerful way to convey risk management information to employees.
A safety committee is not responsible for communicating risk management decisions to employees.
It is appropriate to communicate safety using department newsletters.
Bulletin boards are inappropriate for safety messages.
Briefings should be limited to the Command Safety Briefing.

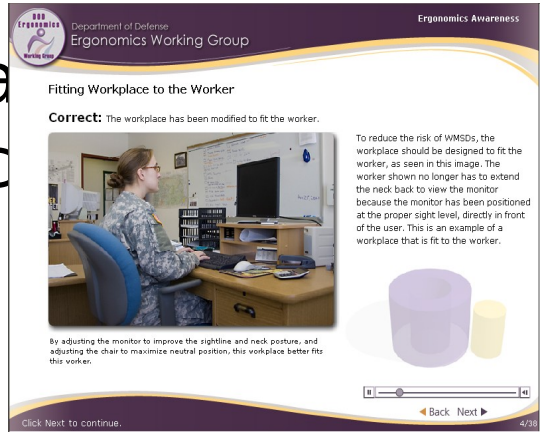
ARMY Safety Courses
Launch The Army Safety Courses
Continue The Army Safety Courses
Note that if you wish to view the course at full screen, your display should be set to 800x600 pixels.

# VPP Hazard Tracking System

- **Objective:** Develop and field a standardized, web-enabled, inter-service workplace hazard and near-miss reporting system for employees to report safety and health concerns
- **Status:** There is no shared capability for tracking hazards across DoD
- **Transition Plan:** Pilot system may be available via VPP/CX website initially, but DoD system to be ultimate host.

# Ergonomics Computer/Web Based Training

- **Objective:** Develop Web-based Training (WBT) for all Services as a means to help reduce the incidenc of work-related musculoskeletal disorders and decrease worker's compensation costs
- **Status:** Ergonomic Awareness Module demo conducted Jan 2007
- **Transition Plan:** Available via Defense Acquisition University's Learning Management System in March 2007.


Department of Defense
Ergonomics Working Group
Ergonomics Awareness
Fitting Workplace to the Worker
Correct: The workplace has been modified to fit the worker.
To reduce the risk of WMSDs, the workplace should be designed to fit the worker, as seen in this image. The worker shown no longer has to extend the neck back to view the monitor because the monitor has been positioned at the proper sight level, directly in front of the user. This is an example of a workplace that is fit to the worker.
By adjusting the monitor to improve the sightline and neck posture, and adjusting the chair to maximize neutral position, this workplace better fits this worker.
Back Next
Click Next to continue.
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Department of Defense
Ergonomics Working Group
Ergonomics Awareness
Compression or Contact Stress
PHYSICAL
Compression occurs when an object presses on soft tissue. This concentration of force on small areas reduces blood flow and nerve transmission and can damage the soft tissue.
Compression occurs from:
Ergo Tip
As a rule of thumb, jewelry should be loose fitting and not cause an impression on the skin. This will reduce exposure to contact stress.
of one's elbows, as seen in this image.
Back Next
Click Next to continue.
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# Questions?